

[Applicable PDU range test and calculation for window-based polling]

Abstract of Disclosure

A transmitter is capable of transmitting protocol data units (PDUs). Each PDU has an n-bit sequence number. A polling determination method is provided that determines if polling should be performed according to a parameter S that is an n-bit sequence number. Polling is then triggered if a PDU that is next to be transmitted is not a re-transmitted PDU and the polling determination method indicates that polling is to be triggered according to the sequence number of the PDU. The polling determination method uses the equation: $t = ((2^n + 1 + S \cdot VT(A)) \bmod 2^n) / VT(WS)$ to determine if polling should be triggered, where S is the sequence number of the next outgoing PDU.

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Figures

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